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Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

9-22-2020

2020-09-22_MichiganOverview_COVIDstats

Michigan Department of Health & Human Services

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Coronavirus

CORONAVIRUS / MICHIGAN DATA

Michigan Data



**DATA ABOUT
PLACES**

LONG TERM CARE FACILITIES

**CORONAVIRUS
SYMPTOMS**

**CUMULATIVE
RECOVERED**

**OUTBREAK
REPORTING**



**SCHOOL-RELATED
OUTBREAK REPORTING**

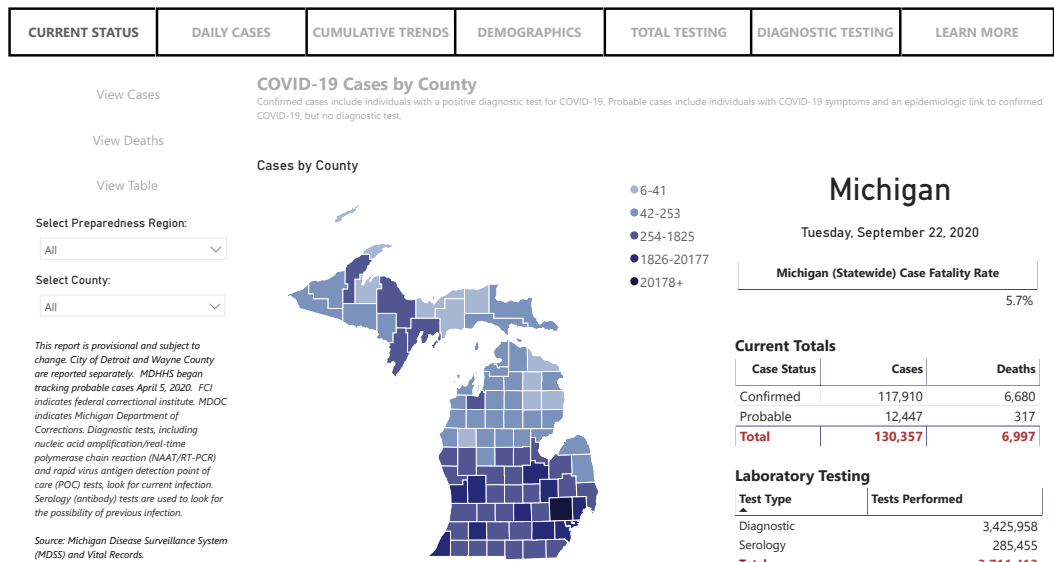


9/23/2020

Coronavirus - Michigan Data

***Note on deaths (09/22/20):** Regular reviews of death certificate data maintained in Vital Records reporting systems are conducted by MDHHS staff three times per week. As a part of this process, records that identify COVID-19 infection as a contributing factor to death are compared against all laboratory confirmed cases of COVID-19 in the Michigan Disease Surveillance System (MDSS). If a death certificate is matched to a confirmed COVID-19 case and that record in the MDSS does not indicate the individual died, the MDSS record is updated to indicate the death and the appropriate local health department is notified. These matched deaths are then included with mortality information posted to the Michigan Coronavirus website. As a result of the most recent assessment, today's data includes **3** additional deaths identified by this methodology.

The State of Michigan is working around the clock to test and treat COVID-19 patients. Below is the most recent data healthcare experts across the state have compiled. It is updated Monday - Saturday.



Cases by Hispanic/Latino Ethnicity

Hispanic/Latino Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Hispanic/Latino	8%	3%
Non-Hispanic Latino	69%	85%
Unknown	23%	12%

Totals may not add to 100% due to rounding

Cases by Arab Ethnicity

Arab Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Arab	5%	2%
Non-Arab	53%	47%
Unknown	43%	51%

Totals may not add to 100% due to rounding

PUBLIC USE DATASETS 9/22/2020

(Downloadable .xlsx files)

Cases and Deaths by County

Cases and Deaths by County by Date

Cases  Demographics Statewide

COVID-19 Tests by County

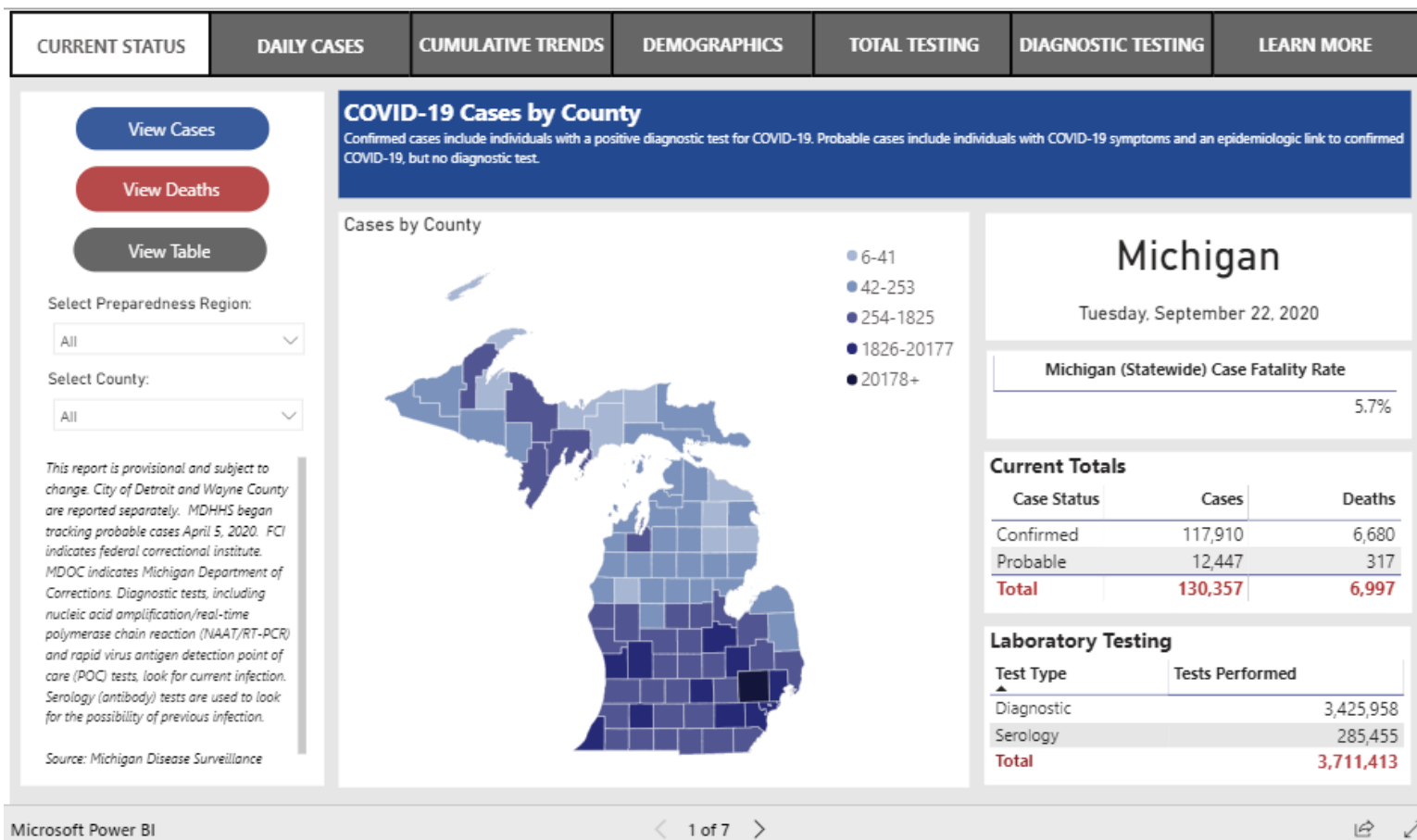
Diagnostic Tests by Result and County

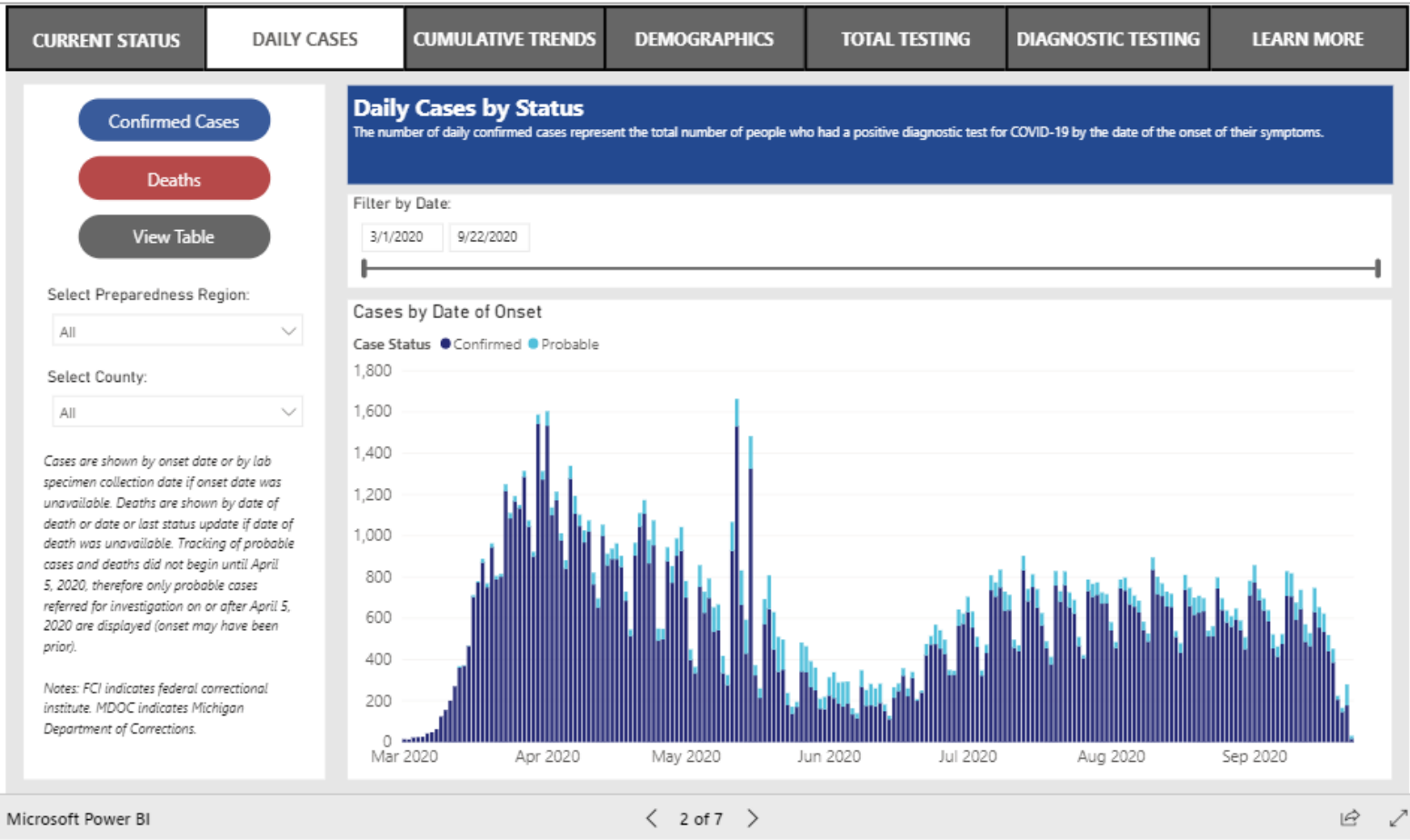
Cumulative Total of Recovered COVID-19 Cases

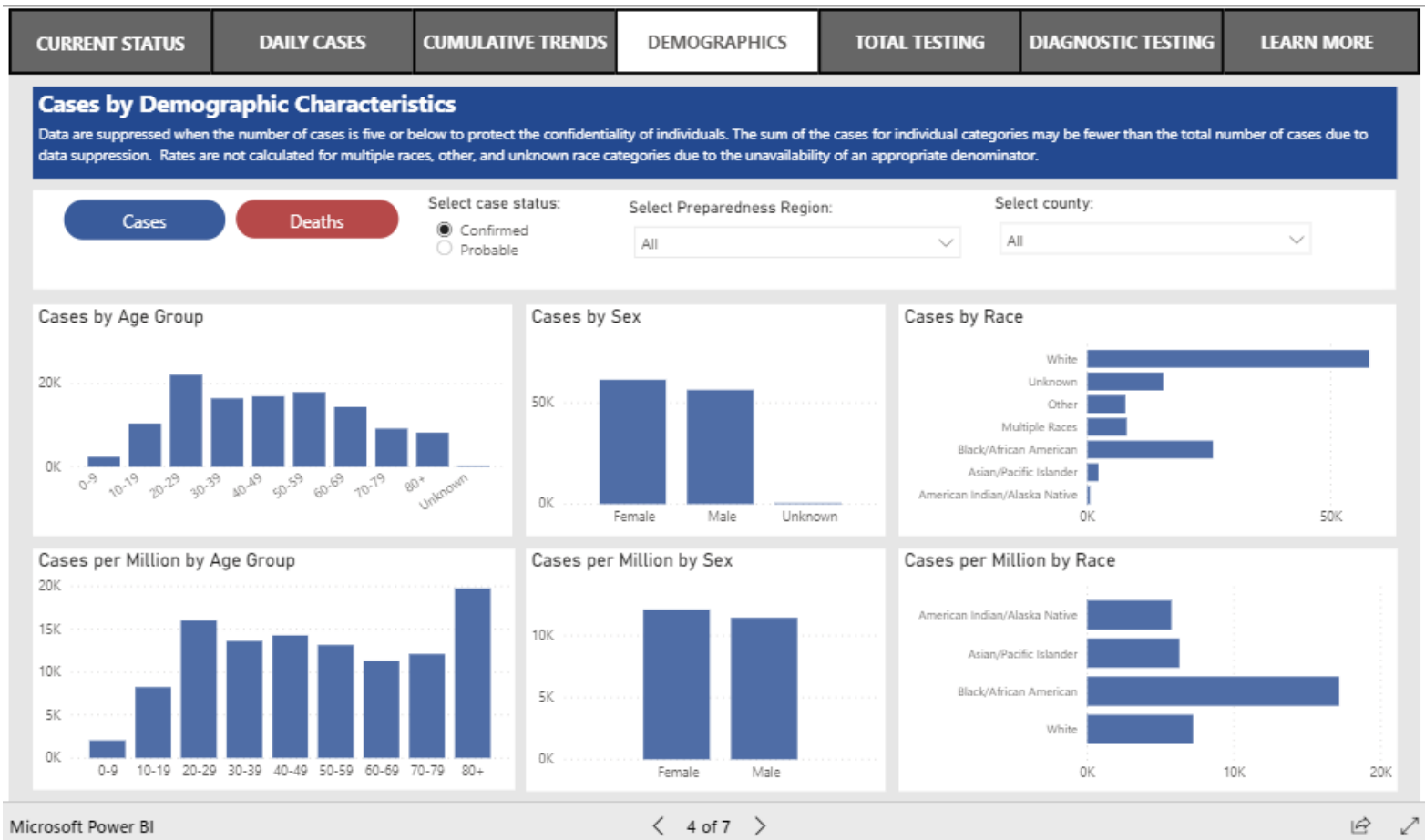
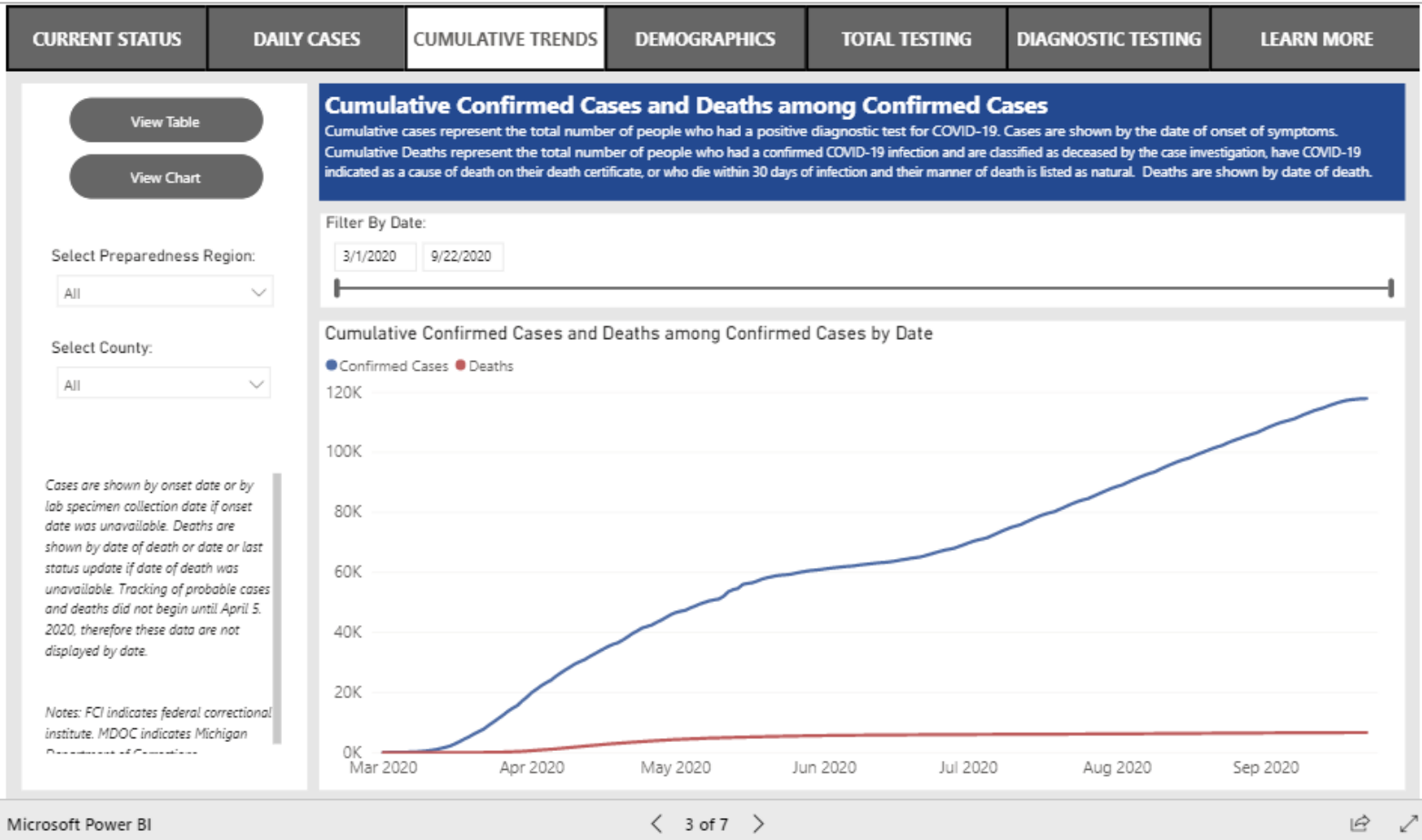
Cumulative Total of Recovered COVID-19 Cases (as of 09/18/2020): **90,216**

Note on recovery: During this response, MDHHS is reviewing vital records statistics to identify any laboratory confirmed COVID-19 cases who are 30 days out from their onset of illness to represent recovery status. As the pandemic continues to impact Michigan, this pool will expand to include more cases. Recovered is defined as the number of persons with a confirmed COVID-19 diagnosis who are alive 30 days post-onset (or referral date if onset is not available). The number of persons recovered on September 18, 2020 represents COVID-19 confirmed individuals with an onset date on or prior to August 19, 2020. If an individual dies from a COVID-related cause >30 days from onset/referral, they are removed from the number of persons recovered. These numbers will be updated every Saturday.

Source: Michigan Disease Surveillance System and Vital Records







Cases by Demographic Characteristics

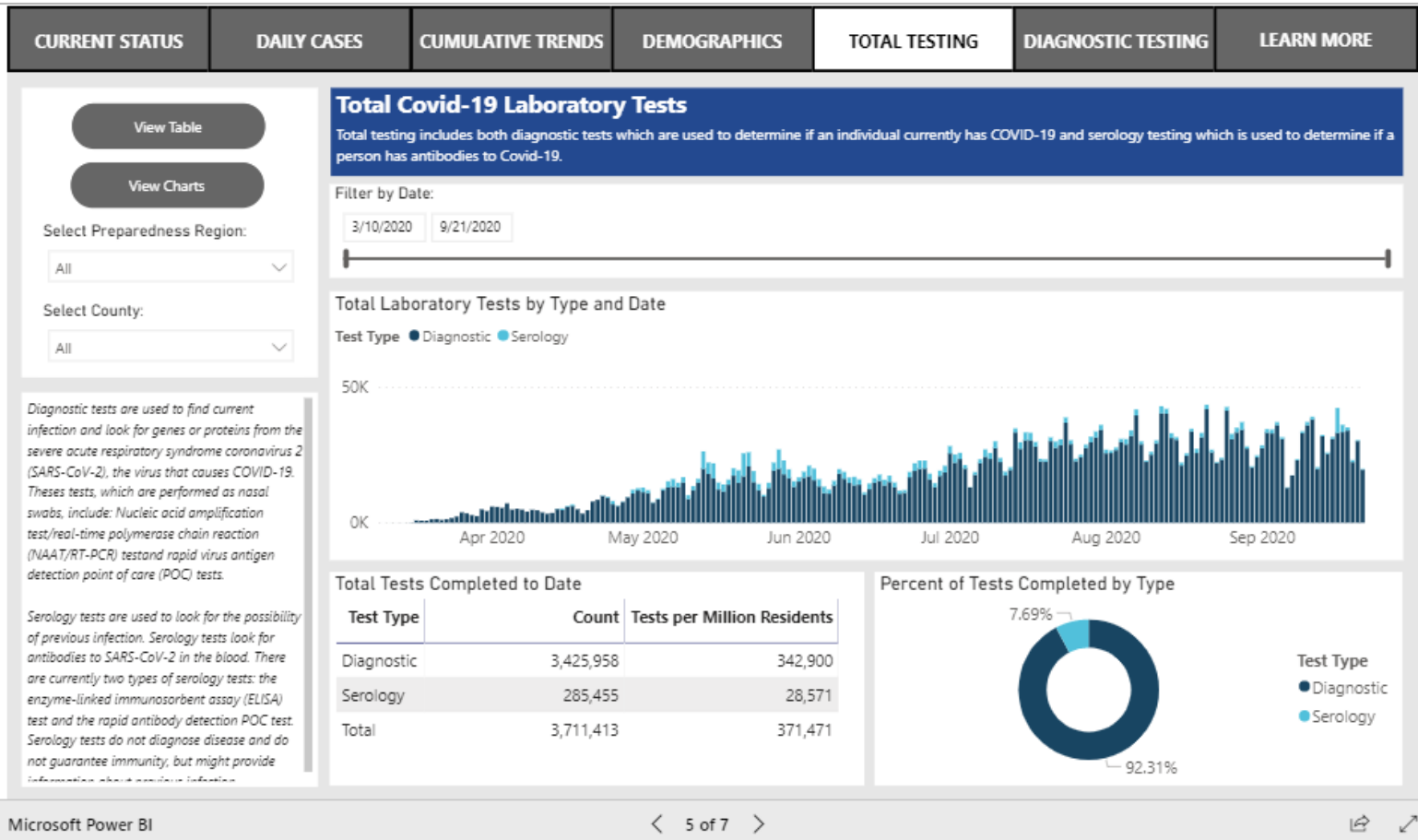
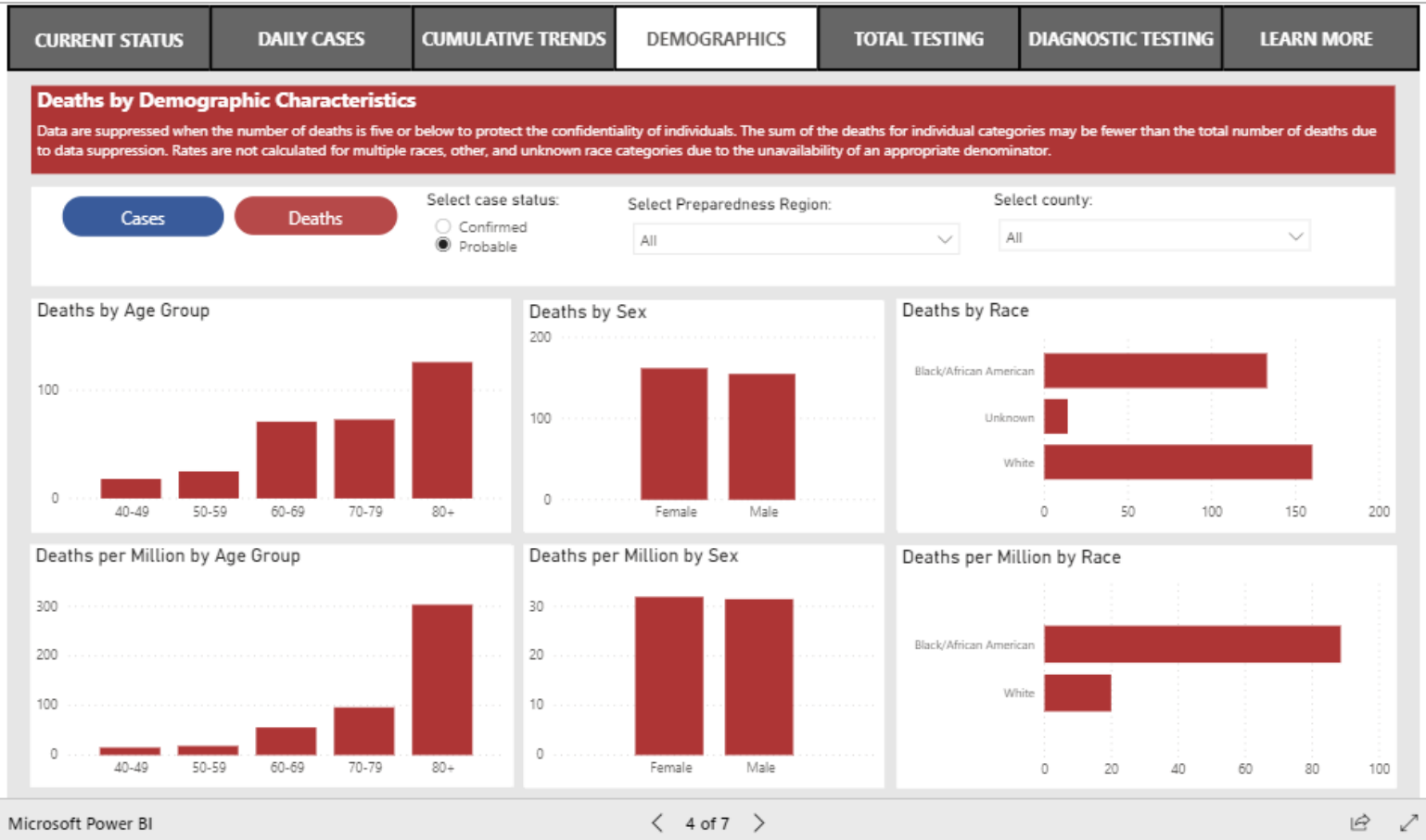
Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

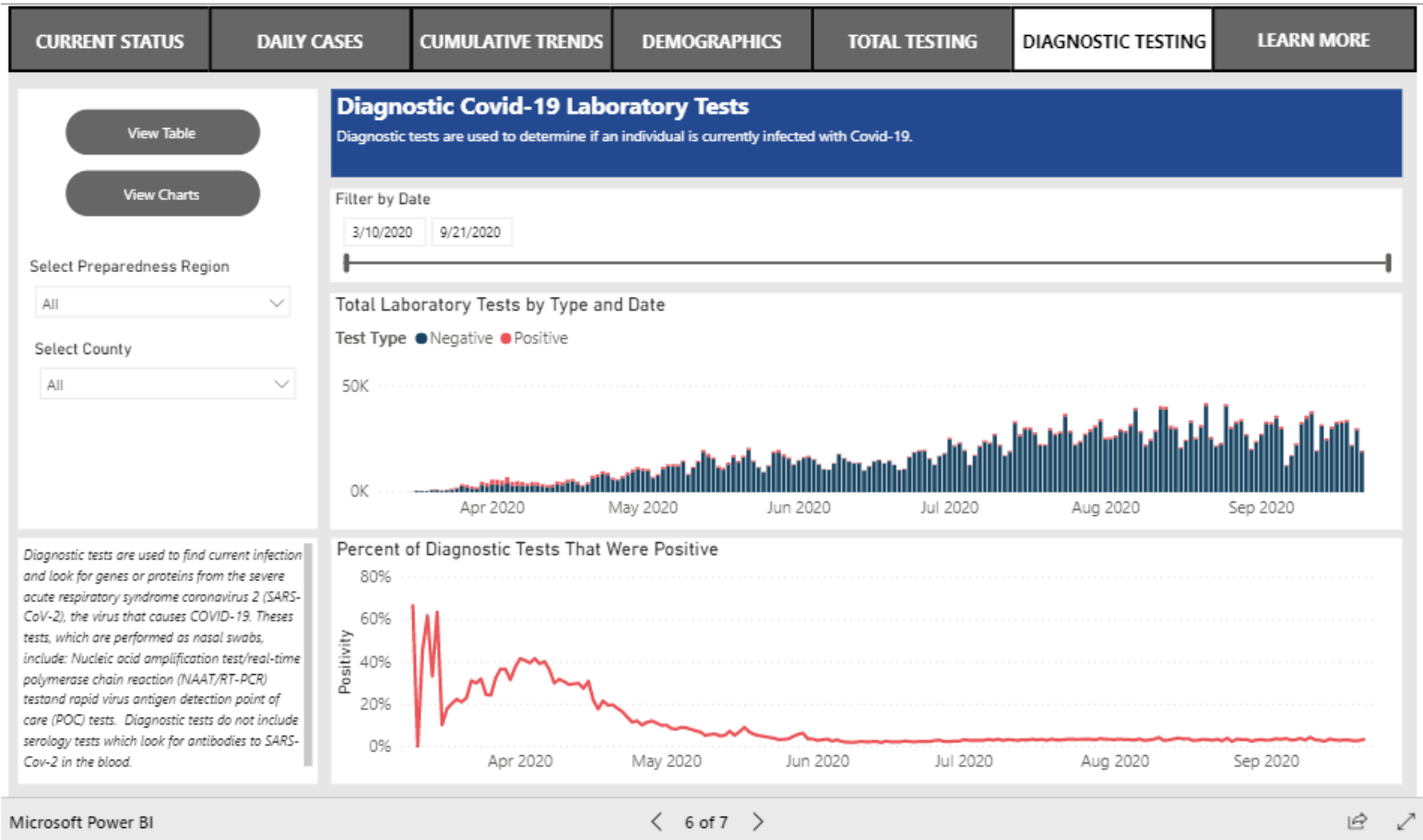


Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.







CURRENT STATUS	DAILY CASES	CUMULATIVE TRENDS	DEMOGRAPHICS	TOTAL TESTING	DIAGNOSTIC TESTING	LEARN MORE
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Where does the data come from?

The State of Michigan COVID-19 Dashboard displays the most recent provisional data reported to the Michigan Department of Health and Humans Services (MDHHS) about cases in Michigan by selected demographics and county of residence (City of Detroit and Wayne County are reported separately). Data are reported to MDHHS via the [Michigan Disease Surveillance System \(MDSS\)](#). Provisional Death data are provided by the MDHHS Division for [Vital Records & Health Statistics](#).

How does MDHHS classify confirmed and probable cases?

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19. Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

How does MDHHS classify confirmed and probable deaths?

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'. Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

Why do the number of probable cases fluctuate?

The number of probable cases can change daily based on the investigation efforts of the health department. When a probable case is first reported, local and/or state health department staff investigate to determine if the person meets the case definition of probable. As additional information is gathered, the case could be re-classified to confirmed, remain as probable, or be determined as not a case.

Why do data in the demographics tab not sum to the total number of cases for a county or region?

Data are not shown whenever the number of cases for a particular demographic category is fewer than six to protect the confidentiality of individuals. Rates are not calculated for other, multiple, and unknown race because an appropriate population denominator is not available for these categories at the county level.

Where can I get more information about COVID-19?

Visit <https://www.michigan.gov/coronavirus> to find information on resources and assistance, answers to frequently asked questions, and the latest updates on Michigan's response to COVID-19. For COVID-19 updates from CDC visit <https://www.cdc.gov/coronavirus/2019-ncov>.

Microsoft Power BI

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PUBLIC USE DATASETS

Cases and Deaths by County

README

Includes total cases and deaths to date by case status (confirmed or probable) and county.

County is based on the county of residence.

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

CASES AND DEATHS BY COUNTY 2020-09-22

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2020/09/22 14:10:26	Alcona	34	2	7	0
2020/09/22 14:10:26	Alger	16	0	1	0
2020/09/22 14:10:26	Allegan	660	7	77	0
2020/09/22 14:10:26	Alpena	123	14	27	0
2020/09/22 14:10:26	Antrim	59	0	8	0
2020/09/22 14:10:26	Arenac	62	3	6	0
2020/09/22 14:10:26	Baraga	12	0	6	0
2020/09/22 14:10:26	Barry	255	3	28	0
2020/09/22 14:10:26	Bay	881	48	95	0
2020/09/22 14:10:26	Benzie	74	2	5	0
2020/09/22 14:10:26	Berrien	1637	72	189	1
2020/09/22 14:10:26	Branch	528	5	59	0
2020/09/22 14:10:26	Calhoun	1107	44	143	1
2020/09/22 14:10:26	Cass	492	16	45	0
2020/09/22 14:10:26	Charlevoix	84	3	13	0
2020/09/22 14:10:26	Cheboygan	73	2	16	0
2020/09/22 14:10:26	Chippewa	50	0	26	0
2020/09/22 14:10:26	Clare	102	4	9	0
2020/09/22 14:10:26	Clinton	568	13	80	0
2020/09/22 14:10:26	Crawford	111	5	10	0
2020/09/22 14:10:26	Delta	254	5	43	0
2020/09/22 14:10:26	Dickinson	112	2	3	0
2020/09/22 14:10:26	Eaton	555	10	69	0
2020/09/22 14:10:26	Emmet	140	4	16	0
2020/09/22 14:10:26	Genesee	3578	283	791	25
2020/09/22 14:10:26	Gladwin	82	2	9	0
2020/09/22 14:10:26	Gogebic	144	1	12	0
2020/09/22 14:10:26	Grand Traverse	404	7	56	0
2020/09/22 14:10:26	Gratiot	225	15	29	0
2020/09/22 14:10:26	Hillsdale	303	26	28	1
2020/09/22 14:10:26	Houghton	280	2	64	0
2020/09/22 14:10:26	Huron	186	5	33	0
2020/09/22 14:10:26	Ingham	3224	47	73	0
2020/09/22 14:10:26	Ionia	315	7	37	0
2020/09/22 14:10:26	Iosco	171	11	34	1
2020/09/22 14:10:26	Iron	91	1	6	0
2020/09/22 14:10:26	Isabella	603	13	71	0
2020/09/22 14:10:26	Jackson	1002	42	24	2
2020/09/22 14:10:26	Kalamazoo	2200	88	461	3
2020/09/22 14:10:26	Kalkaska	67	4	15	0
2020/09/22 14:10:26	Kent	8745	171	777	3
2020/09/22 14:10:26	Keweenaw	7	0	1	0
2020/09/22 14:10:26	Lake	31	0	1	0
2020/09/22 14:10:26	Lapeer	497	35	91	1
2020/09/22 14:10:26	Leelanau	103	1	7	0
2020/09/22 14:10:26	Lenawee	740	18	46	0
2020/09/22 14:10:26	Livingston	1125	29	203	1

2020/09/22 14:10:26	Luce	11	0	1	0
2020/09/22 14:10:26	Mackinac	38	0	16	0
2020/09/22 14:10:26	Macomb	13646	967	517	46
2020/09/22 14:10:26	Manistee	66	2	5	0
2020/09/22 14:10:26	Marquette	282	12	51	0
2020/09/22 14:10:26	Mason	118	0	16	0
2020/09/22 14:10:26	Mecosta	182	3	11	0
2020/09/22 14:10:26	Menominee	289	1	39	0
2020/09/22 14:10:26	Midland	480	11	99	0
2020/09/22 14:10:26	Missaukee	43	1	16	0
2020/09/22 14:10:26	Monroe	1317	27	159	1
2020/09/22 14:10:26	Montcalm	273	5	27	0
2020/09/22 14:10:26	Montmorency	13	0	1	0
2020/09/22 14:10:26	Muskegon	1405	69	64	0
2020/09/22 14:10:26	Newaygo	318	1	15	0
2020/09/22 14:10:26	Oakland	16194	1146	3984	49
2020/09/22 14:10:26	Oceana	487	6	27	0
2020/09/22 14:10:26	Ogemaw	46	5	16	0
2020/09/22 14:10:26	Ontonagon	41	0	1	0
2020/09/22 14:10:26	Osceola	82	0	10	0
2020/09/22 14:10:26	Oscoda	23	1	7	0
2020/09/22 14:10:26	Otsego	149	11	22	0
2020/09/22 14:10:26	Ottawa	3096	61	159	5
2020/09/22 14:10:26	Presque Isle	24	1	2	0
2020/09/22 14:10:26	Roscommon	75	4	17	0
2020/09/22 14:10:26	Saginaw	2686	135	196	4
2020/09/22 14:10:26	Sanilac	139	6	7	1
2020/09/22 14:10:26	Schoolcraft	19	0	2	0
2020/09/22 14:10:26	Shiawassee	468	30	31	1
2020/09/22 14:10:26	St Clair	843	52	135	1
2020/09/22 14:10:26	St Joseph	635	11	101	0
2020/09/22 14:10:26	Tuscola	433	31	62	0
2020/09/22 14:10:26	Van Buren	658	15	85	2
2020/09/22 14:10:26	Washtenaw	3026	115	356	0
2020/09/22 14:10:26	Wayne	17883	1277	1215	50
2020/09/22 14:10:26	Wexford	104	4	16	0
2020/09/22 14:10:26	MDOC	5580	73	8	0
2020/09/22 14:10:26	FCI	190	5	5	0
2020/09/22 14:10:26	Out-of-State	197	1	6	1
2020/09/22 14:10:26	Unknown	1	0	5	0
2020/09/22 14:10:26	Detroit City	14238	1519	1085	117

PUBLIC USE DATASETS

Cases by Demographics Statewide

README

Includes the total number of confirmed and probable cases and confirmed and probable deaths to date by demographic characteristics

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

Data is suppressed when the number of cases or deaths in a single category is between one and five to protect the confidentiality of individuals.

CASES BY DEMOGRAPHICS STATEWIDE 2020-09-22

CASE_STATUS	AgeCat	RaceCat	SEX	Cases	Deaths
Confirmed	0-9	American Indian/Alaska Native	Female	6	0
Confirmed	10-19	American Indian/Alaska Native	Female	30	0
Confirmed	20-29	American Indian/Alaska Native	Female	53	0
Confirmed	30-39	American Indian/Alaska Native	Female	47	0
Confirmed	40-49	American Indian/Alaska Native	Female	46	0
Confirmed	50-59	American Indian/Alaska Native	Female	50	0
Confirmed	60-69	American Indian/Alaska Native	Female	23	Suppressed
Confirmed	70-79	American Indian/Alaska Native	Female	18	Suppressed
Confirmed	80+	American Indian/Alaska Native	Female	7	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Female	0	0
Confirmed	0-9	Asian/Pacific Islander	Female	20	0
Confirmed	10-19	Asian/Pacific Islander	Female	72	0
Confirmed	20-29	Asian/Pacific Islander	Female	215	0
Confirmed	30-39	Asian/Pacific Islander	Female	241	0
Confirmed	40-49	Asian/Pacific Islander	Female	226	0
Confirmed	50-59	Asian/Pacific Islander	Female	194	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Female	115	Suppressed
Confirmed	70-79	Asian/Pacific Islander	Female	53	11
Confirmed	80+	Asian/Pacific Islander	Female	58	23
Confirmed	Unknown	Asian/Pacific Islander	Female	0	0
Confirmed	0-9	Black/African American	Female	189	Suppressed
Confirmed	10-19	Black/African American	Female	503	Suppressed
Confirmed	20-29	Black/African American	Female	2100	Suppressed
Confirmed	30-39	Black/African American	Female	2081	8
Confirmed	40-49	Black/African American	Female	2202	53
Confirmed	50-59	Black/African American	Female	2128	108
Confirmed	60-69	Black/African American	Female	1933	232
Confirmed	70-79	Black/African American	Female	1340	322
Confirmed	80+	Black/African American	Female	1046	432
Confirmed	Unknown	Black/African American	Female	Suppressed	0
Confirmed	0-9	Multiple Races	Female	80	0
Confirmed	10-19	Multiple Races	Female	398	0
Confirmed	20-29	Multiple Races	Female	904	0
Confirmed	30-39	Multiple Races	Female	663	Suppressed
Confirmed	40-49	Multiple Races	Female	757	Suppressed
Confirmed	50-59	Multiple Races	Female	792	Suppressed
Confirmed	60-69	Multiple Races	Female	484	Suppressed
Confirmed	70-79	Multiple Races	Female	234	11
Confirmed	80+	Multiple Races	Female	211	22
Confirmed	Unknown	Multiple Races	Female	Suppressed	0
Confirmed	0-9	Other	Female	151	0
Confirmed	10-19	Other	Female	475	0
Confirmed	20-29	Other	Female	887	0
Confirmed	30-39	Other	Female	628	Suppressed
Confirmed	40-49	Other	Female	611	Suppressed
Confirmed	50-59	Other	Female	424	Suppressed
Confirmed	60-69	Other	Female	274	15

Confirmed	70-79	Other	Female	137	15
Confirmed	80+	Other	Female	114	25
Confirmed	Unknown	Other	Female	0	0
Confirmed	0-9	Unknown	Female	122	0
Confirmed	10-19	Unknown	Female	698	0
Confirmed	20-29	Unknown	Female	1347	0
Confirmed	30-39	Unknown	Female	1080	0
Confirmed	40-49	Unknown	Female	1189	Suppressed
Confirmed	50-59	Unknown	Female	1203	6
Confirmed	60-69	Unknown	Female	887	13
Confirmed	70-79	Unknown	Female	491	19
Confirmed	80+	Unknown	Female	580	33
Confirmed	Unknown	Unknown	Female	26	0
Confirmed	0-9	White	Female	507	0
Confirmed	10-19	White	Female	3245	Suppressed
Confirmed	20-29	White	Female	6298	7
Confirmed	30-39	White	Female	3643	10
Confirmed	40-49	White	Female	3760	23
Confirmed	50-59	White	Female	4153	69
Confirmed	60-69	White	Female	3242	182
Confirmed	70-79	White	Female	2352	394
Confirmed	80+	White	Female	3259	1116
Confirmed	Unknown	White	Female	22	0
Confirmed	0-9	American Indian/Alaska Native	Male	9	0
Confirmed	10-19	American Indian/Alaska Native	Male	14	0
Confirmed	20-29	American Indian/Alaska Native	Male	42	0
Confirmed	30-39	American Indian/Alaska Native	Male	43	0
Confirmed	40-49	American Indian/Alaska Native	Male	47	0
Confirmed	50-59	American Indian/Alaska Native	Male	42	Suppressed
Confirmed	60-69	American Indian/Alaska Native	Male	32	6
Confirmed	70-79	American Indian/Alaska Native	Male	18	6
Confirmed	80+	American Indian/Alaska Native	Male	Suppressed	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Male	0	0
Confirmed	0-9	Asian/Pacific Islander	Male	39	0
Confirmed	10-19	Asian/Pacific Islander	Male	72	0
Confirmed	20-29	Asian/Pacific Islander	Male	227	0
Confirmed	30-39	Asian/Pacific Islander	Male	209	Suppressed
Confirmed	40-49	Asian/Pacific Islander	Male	183	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Male	153	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Male	113	14
Confirmed	70-79	Asian/Pacific Islander	Male	53	15
Confirmed	80+	Asian/Pacific Islander	Male	36	17
Confirmed	Unknown	Asian/Pacific Islander	Male	0	0
Confirmed	0-9	Black/African American	Male	182	0
Confirmed	10-19	Black/African American	Male	514	0
Confirmed	20-29	Black/African American	Male	1632	10
Confirmed	30-39	Black/African American	Male	1730	30
Confirmed	40-49	Black/African American	Male	1926	74
Confirmed	50-59	Black/African American	Male	2247	195
Confirmed	60-69	Black/African American	Male	2088	344

Confirmed	70-79	Black/African American	Male	1307	416
Confirmed	80+	Black/African American	Male	610	307
Confirmed	Unknown	Black/African American	Male	Suppressed	0
Confirmed	0-9	Multiple Races	Male	102	Suppressed
Confirmed	10-19	Multiple Races	Male	356	0
Confirmed	20-29	Multiple Races	Male	681	0
Confirmed	30-39	Multiple Races	Male	522	Suppressed
Confirmed	40-49	Multiple Races	Male	566	Suppressed
Confirmed	50-59	Multiple Races	Male	585	Suppressed
Confirmed	60-69	Multiple Races	Male	416	20
Confirmed	70-79	Multiple Races	Male	205	14
Confirmed	80+	Multiple Races	Male	89	17
Confirmed	Unknown	Multiple Races	Male	Suppressed	0
Confirmed	0-9	Other	Male	180	0
Confirmed	10-19	Other	Male	506	Suppressed
Confirmed	20-29	Other	Male	984	Suppressed
Confirmed	30-39	Other	Male	760	Suppressed
Confirmed	40-49	Other	Male	659	7
Confirmed	50-59	Other	Male	478	8
Confirmed	60-69	Other	Male	298	25
Confirmed	70-79	Other	Male	150	20
Confirmed	80+	Other	Male	64	13
Confirmed	Unknown	Other	Male	Suppressed	0
Confirmed	0-9	Unknown	Male	156	0
Confirmed	10-19	Unknown	Male	753	0
Confirmed	20-29	Unknown	Male	1446	0
Confirmed	30-39	Unknown	Male	1225	Suppressed
Confirmed	40-49	Unknown	Male	1253	10
Confirmed	50-59	Unknown	Male	1289	8
Confirmed	60-69	Unknown	Male	932	16
Confirmed	70-79	Unknown	Male	444	23
Confirmed	80+	Unknown	Male	265	28
Confirmed	Unknown	Unknown	Male	23	0
Confirmed	0-9	White	Male	603	0
Confirmed	10-19	White	Male	2702	Suppressed
Confirmed	20-29	White	Male	5262	8
Confirmed	30-39	White	Male	3520	14
Confirmed	40-49	White	Male	3455	38
Confirmed	50-59	White	Male	4125	127
Confirmed	60-69	White	Male	3489	305
Confirmed	70-79	White	Male	2345	520
Confirmed	80+	White	Male	1832	812
Confirmed	Unknown	White	Male	16	0
Confirmed	0-9	American Indian/Alaska Native	Unknown	0	0
Confirmed	10-19	American Indian/Alaska Native	Unknown	0	0
Confirmed	20-29	American Indian/Alaska Native	Unknown	0	0
Confirmed	30-39	American Indian/Alaska Native	Unknown	0	0
Confirmed	40-49	American Indian/Alaska Native	Unknown	0	0
Confirmed	50-59	American Indian/Alaska Native	Unknown	0	0
Confirmed	60-69	American Indian/Alaska Native	Unknown	0	0

Confirmed	70-79	American Indian/Alaska Native	Unknown	0	0
Confirmed	80+	American Indian/Alaska Native	Unknown	0	0
Confirmed	Unknown	American Indian/Alaska Native	Unknown	0	0
Confirmed	0-9	Asian/Pacific Islander	Unknown	0	0
Confirmed	10-19	Asian/Pacific Islander	Unknown	0	0
Confirmed	20-29	Asian/Pacific Islander	Unknown	0	0
Confirmed	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	40-49	Asian/Pacific Islander	Unknown	0	0
Confirmed	50-59	Asian/Pacific Islander	Unknown	0	0
Confirmed	60-69	Asian/Pacific Islander	Unknown	0	0
Confirmed	70-79	Asian/Pacific Islander	Unknown	0	0
Confirmed	80+	Asian/Pacific Islander	Unknown	0	0
Confirmed	Unknown	Asian/Pacific Islander	Unknown	0	0
Confirmed	0-9	Black/African American	Unknown	Suppressed	0
Confirmed	10-19	Black/African American	Unknown	Suppressed	0
Confirmed	20-29	Black/African American	Unknown	Suppressed	0
Confirmed	30-39	Black/African American	Unknown	Suppressed	0
Confirmed	40-49	Black/African American	Unknown	Suppressed	0
Confirmed	50-59	Black/African American	Unknown	Suppressed	0
Confirmed	60-69	Black/African American	Unknown	Suppressed	0
Confirmed	70-79	Black/African American	Unknown	Suppressed	0
Confirmed	80+	Black/African American	Unknown	Suppressed	0
Confirmed	Unknown	Black/African American	Unknown	0	0
Confirmed	0-9	Multiple Races	Unknown	0	0
Confirmed	10-19	Multiple Races	Unknown	Suppressed	0
Confirmed	20-29	Multiple Races	Unknown	6	0
Confirmed	30-39	Multiple Races	Unknown	Suppressed	0
Confirmed	40-49	Multiple Races	Unknown	0	0
Confirmed	50-59	Multiple Races	Unknown	Suppressed	0
Confirmed	60-69	Multiple Races	Unknown	Suppressed	0
Confirmed	70-79	Multiple Races	Unknown	Suppressed	0
Confirmed	80+	Multiple Races	Unknown	0	0
Confirmed	Unknown	Multiple Races	Unknown	Suppressed	0
Confirmed	0-9	Other	Unknown	Suppressed	0
Confirmed	10-19	Other	Unknown	Suppressed	0
Confirmed	20-29	Other	Unknown	Suppressed	0
Confirmed	30-39	Other	Unknown	Suppressed	0
Confirmed	40-49	Other	Unknown	Suppressed	0
Confirmed	50-59	Other	Unknown	Suppressed	0
Confirmed	60-69	Other	Unknown	Suppressed	0
Confirmed	70-79	Other	Unknown	0	0
Confirmed	80+	Other	Unknown	0	0
Confirmed	Unknown	Other	Unknown	Suppressed	0
Confirmed	0-9	Unknown	Unknown	7	0
Confirmed	10-19	Unknown	Unknown	11	0
Confirmed	20-29	Unknown	Unknown	36	0
Confirmed	30-39	Unknown	Unknown	21	0
Confirmed	40-49	Unknown	Unknown	33	0
Confirmed	50-59	Unknown	Unknown	24	0
Confirmed	60-69	Unknown	Unknown	8	0

Confirmed	70-79	Unknown	Unknown	Suppressed	0
Confirmed	80+	Unknown	Unknown	6	0
Confirmed	Unknown	Unknown	Unknown	Suppressed	0
Confirmed	0-9	White	Unknown	0	0
Confirmed	10-19	White	Unknown	16	0
Confirmed	20-29	White	Unknown	11	0
Confirmed	30-39	White	Unknown	7	0
Confirmed	40-49	White	Unknown	6	0
Confirmed	50-59	White	Unknown	Suppressed	0
Confirmed	60-69	White	Unknown	8	0
Confirmed	70-79	White	Unknown	Suppressed	0
Confirmed	80+	White	Unknown	Suppressed	0
Confirmed	Unknown	White	Unknown	0	0
Probable	0-9	American Indian/Alaska Native	Female	Suppressed	0
Probable	10-19	American Indian/Alaska Native	Female	0	0
Probable	20-29	American Indian/Alaska Native	Female	6	0
Probable	30-39	American Indian/Alaska Native	Female	Suppressed	0
Probable	40-49	American Indian/Alaska Native	Female	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Female	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Female	Suppressed	0
Probable	70-79	American Indian/Alaska Native	Female	Suppressed	0
Probable	80+	American Indian/Alaska Native	Female	0	0
Probable	Unknown	American Indian/Alaska Native	Female	0	0
Probable	0-9	Asian/Pacific Islander	Female	9	0
Probable	10-19	Asian/Pacific Islander	Female	11	0
Probable	20-29	Asian/Pacific Islander	Female	23	0
Probable	30-39	Asian/Pacific Islander	Female	17	0
Probable	40-49	Asian/Pacific Islander	Female	10	0
Probable	50-59	Asian/Pacific Islander	Female	14	0
Probable	60-69	Asian/Pacific Islander	Female	Suppressed	0
Probable	70-79	Asian/Pacific Islander	Female	Suppressed	0
Probable	80+	Asian/Pacific Islander	Female	0	0
Probable	Unknown	Asian/Pacific Islander	Female	Suppressed	0
Probable	0-9	Black/African American	Female	23	0
Probable	10-19	Black/African American	Female	41	0
Probable	20-29	Black/African American	Female	118	0
Probable	30-39	Black/African American	Female	98	0
Probable	40-49	Black/African American	Female	125	Suppressed
Probable	50-59	Black/African American	Female	139	6
Probable	60-69	Black/African American	Female	111	12
Probable	70-79	Black/African American	Female	49	12
Probable	80+	Black/African American	Female	35	24
Probable	Unknown	Black/African American	Female	6	0
Probable	0-9	Multiple Races	Female	17	0
Probable	10-19	Multiple Races	Female	35	0
Probable	20-29	Multiple Races	Female	50	0
Probable	30-39	Multiple Races	Female	24	0
Probable	40-49	Multiple Races	Female	57	0
Probable	50-59	Multiple Races	Female	57	0
Probable	60-69	Multiple Races	Female	42	0

Probable	70-79	Multiple Races	Female	11	0
Probable	80+	Multiple Races	Female	Suppressed	Suppressed
Probable	Unknown	Multiple Races	Female	10	0
Probable	0-9	Other	Female	20	0
Probable	10-19	Other	Female	41	0
Probable	20-29	Other	Female	52	0
Probable	30-39	Other	Female	43	0
Probable	40-49	Other	Female	38	0
Probable	50-59	Other	Female	25	Suppressed
Probable	60-69	Other	Female	15	Suppressed
Probable	70-79	Other	Female	8	0
Probable	80+	Other	Female	Suppressed	0
Probable	Unknown	Other	Female	Suppressed	0
Probable	0-9	Unknown	Female	42	0
Probable	10-19	Unknown	Female	197	0
Probable	20-29	Unknown	Female	413	0
Probable	30-39	Unknown	Female	311	0
Probable	40-49	Unknown	Female	414	0
Probable	50-59	Unknown	Female	416	0
Probable	60-69	Unknown	Female	342	Suppressed
Probable	70-79	Unknown	Female	136	0
Probable	80+	Unknown	Female	70	Suppressed
Probable	Unknown	Unknown	Female	54	0
Probable	0-9	White	Female	142	0
Probable	10-19	White	Female	328	0
Probable	20-29	White	Female	534	0
Probable	30-39	White	Female	334	0
Probable	40-49	White	Female	414	Suppressed
Probable	50-59	White	Female	452	Suppressed
Probable	60-69	White	Female	277	16
Probable	70-79	White	Female	148	19
Probable	80+	White	Female	104	52
Probable	Unknown	White	Female	50	0
Probable	0-9	American Indian/Alaska Native	Male	0	0
Probable	10-19	American Indian/Alaska Native	Male	Suppressed	0
Probable	20-29	American Indian/Alaska Native	Male	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Male	Suppressed	0
Probable	40-49	American Indian/Alaska Native	Male	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Male	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Male	Suppressed	0
Probable	70-79	American Indian/Alaska Native	Male	0	0
Probable	80+	American Indian/Alaska Native	Male	Suppressed	Suppressed
Probable	Unknown	American Indian/Alaska Native	Male	0	0
Probable	0-9	Asian/Pacific Islander	Male	15	0
Probable	10-19	Asian/Pacific Islander	Male	6	0
Probable	20-29	Asian/Pacific Islander	Male	19	0
Probable	30-39	Asian/Pacific Islander	Male	19	0
Probable	40-49	Asian/Pacific Islander	Male	Suppressed	0
Probable	50-59	Asian/Pacific Islander	Male	8	0
Probable	60-69	Asian/Pacific Islander	Male	Suppressed	0

Probable	70-79	Asian/Pacific Islander	Male	Suppressed	Suppressed
Probable	80+	Asian/Pacific Islander	Male	0	0
Probable	Unknown	Asian/Pacific Islander	Male	0	0
Probable	0-9	Black/African American	Male	34	0
Probable	10-19	Black/African American	Male	43	0
Probable	20-29	Black/African American	Male	62	0
Probable	30-39	Black/African American	Male	56	0
Probable	40-49	Black/African American	Male	55	8
Probable	50-59	Black/African American	Male	86	7
Probable	60-69	Black/African American	Male	85	21
Probable	70-79	Black/African American	Male	45	25
Probable	80+	Black/African American	Male	20	15
Probable	Unknown	Black/African American	Male	Suppressed	0
Probable	0-9	Multiple Races	Male	24	0
Probable	10-19	Multiple Races	Male	31	0
Probable	20-29	Multiple Races	Male	51	0
Probable	30-39	Multiple Races	Male	35	0
Probable	40-49	Multiple Races	Male	47	Suppressed
Probable	50-59	Multiple Races	Male	35	0
Probable	60-69	Multiple Races	Male	23	0
Probable	70-79	Multiple Races	Male	12	0
Probable	80+	Multiple Races	Male	Suppressed	Suppressed
Probable	Unknown	Multiple Races	Male	12	0
Probable	0-9	Other	Male	20	0
Probable	10-19	Other	Male	42	0
Probable	20-29	Other	Male	53	0
Probable	30-39	Other	Male	38	0
Probable	40-49	Other	Male	34	0
Probable	50-59	Other	Male	20	0
Probable	60-69	Other	Male	16	Suppressed
Probable	70-79	Other	Male	7	Suppressed
Probable	80+	Other	Male	Suppressed	0
Probable	Unknown	Other	Male	Suppressed	0
Probable	0-9	Unknown	Male	45	0
Probable	10-19	Unknown	Male	187	0
Probable	20-29	Unknown	Male	330	0
Probable	30-39	Unknown	Male	313	Suppressed
Probable	40-49	Unknown	Male	292	Suppressed
Probable	50-59	Unknown	Male	320	0
Probable	60-69	Unknown	Male	226	Suppressed
Probable	70-79	Unknown	Male	95	Suppressed
Probable	80+	Unknown	Male	38	Suppressed
Probable	Unknown	Unknown	Male	40	0
Probable	0-9	White	Male	170	0
Probable	10-19	White	Male	315	0
Probable	20-29	White	Male	471	Suppressed
Probable	30-39	White	Male	285	Suppressed
Probable	40-49	White	Male	272	Suppressed
Probable	50-59	White	Male	330	6
Probable	60-69	White	Male	240	15

Probable	70-79	White	Male	99	12
Probable	80+	White	Male	69	27
Probable	Unknown	White	Male	30	0
Probable	0-9	American Indian/Alaska Native	Unknown	0	0
Probable	10-19	American Indian/Alaska Native	Unknown	0	0
Probable	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Unknown	0	0
Probable	40-49	American Indian/Alaska Native	Unknown	0	0
Probable	50-59	American Indian/Alaska Native	Unknown	0	0
Probable	60-69	American Indian/Alaska Native	Unknown	0	0
Probable	70-79	American Indian/Alaska Native	Unknown	0	0
Probable	80+	American Indian/Alaska Native	Unknown	0	0
Probable	Unknown	American Indian/Alaska Native	Unknown	0	0
Probable	0-9	Asian/Pacific Islander	Unknown	0	0
Probable	10-19	Asian/Pacific Islander	Unknown	0	0
Probable	20-29	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	30-39	Asian/Pacific Islander	Unknown	0	0
Probable	40-49	Asian/Pacific Islander	Unknown	0	0
Probable	50-59	Asian/Pacific Islander	Unknown	0	0
Probable	60-69	Asian/Pacific Islander	Unknown	0	0
Probable	70-79	Asian/Pacific Islander	Unknown	0	0
Probable	80+	Asian/Pacific Islander	Unknown	0	0
Probable	Unknown	Asian/Pacific Islander	Unknown	0	0
Probable	0-9	Black/African American	Unknown	0	0
Probable	10-19	Black/African American	Unknown	0	0
Probable	20-29	Black/African American	Unknown	0	0
Probable	30-39	Black/African American	Unknown	0	0
Probable	40-49	Black/African American	Unknown	0	0
Probable	50-59	Black/African American	Unknown	0	0
Probable	60-69	Black/African American	Unknown	Suppressed	0
Probable	70-79	Black/African American	Unknown	0	0
Probable	80+	Black/African American	Unknown	0	0
Probable	Unknown	Black/African American	Unknown	Suppressed	0
Probable	0-9	Multiple Races	Unknown	Suppressed	0
Probable	10-19	Multiple Races	Unknown	0	0
Probable	20-29	Multiple Races	Unknown	Suppressed	0
Probable	30-39	Multiple Races	Unknown	Suppressed	0
Probable	40-49	Multiple Races	Unknown	Suppressed	0
Probable	50-59	Multiple Races	Unknown	Suppressed	0
Probable	60-69	Multiple Races	Unknown	Suppressed	0
Probable	70-79	Multiple Races	Unknown	0	0
Probable	80+	Multiple Races	Unknown	0	0
Probable	Unknown	Multiple Races	Unknown	0	0
Probable	0-9	Other	Unknown	Suppressed	0
Probable	10-19	Other	Unknown	Suppressed	0
Probable	20-29	Other	Unknown	Suppressed	0
Probable	30-39	Other	Unknown	0	0
Probable	40-49	Other	Unknown	Suppressed	0
Probable	50-59	Other	Unknown	Suppressed	0
Probable	60-69	Other	Unknown	0	0

Probable	70-79	Other	Unknown	0	0
Probable	80+	Other	Unknown	0	0
Probable	Unknown	Other	Unknown	Suppressed	0
Probable	0-9	Unknown	Unknown	13	0
Probable	10-19	Unknown	Unknown	17	0
Probable	20-29	Unknown	Unknown	23	0
Probable	30-39	Unknown	Unknown	25	0
Probable	40-49	Unknown	Unknown	29	0
Probable	50-59	Unknown	Unknown	13	0
Probable	60-69	Unknown	Unknown	13	0
Probable	70-79	Unknown	Unknown	7	0
Probable	80+	Unknown	Unknown	Suppressed	0
Probable	Unknown	Unknown	Unknown	389	0
Probable	0-9	White	Unknown	Suppressed	0
Probable	10-19	White	Unknown	Suppressed	0
Probable	20-29	White	Unknown	8	0
Probable	30-39	White	Unknown	Suppressed	0
Probable	40-49	White	Unknown	6	0
Probable	50-59	White	Unknown	7	0
Probable	60-69	White	Unknown	Suppressed	0
Probable	70-79	White	Unknown	0	0
Probable	80+	White	Unknown	0	0
Probable	Unknown	White	Unknown	9	0

PUBLIC USE DATASETS

COVID-19 Tests by County

README

Data includes tests by type (diagnostic, serology or total combined) by county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Correctional includes state and federal prisons and county and city detection facilities. Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

COVID-19 TESTS BY COUNTY 2020-09-22

Updated	COUNTY	TestType	Count	RatePerMillion
2020/09/22 14:10:31	Alcona	Diagnostic	2058	197790
2020/09/22 14:10:31	Alcona	Serology	55	5286
2020/09/22 14:10:31	Alcona	Total	2113	203075
2020/09/22 14:10:31	Alger	Diagnostic	1182	129776
2020/09/22 14:10:31	Alger	Serology	66	7246
2020/09/22 14:10:31	Alger	Total	1248	137022
2020/09/22 14:10:31	Allegan	Serology	951	8054
2020/09/22 14:10:31	Allegan	Diagnostic	31040	262870
2020/09/22 14:10:31	Allegan	Total	31991	270924
2020/09/22 14:10:31	Alpena	Diagnostic	2814	99067
2020/09/22 14:10:31	Alpena	Serology	161	5668
2020/09/22 14:10:31	Alpena	Total	2975	104735
2020/09/22 14:10:31	Antrim	Diagnostic	5424	232550
2020/09/22 14:10:31	Antrim	Serology	127	5445
2020/09/22 14:10:31	Antrim	Total	5551	237995
2020/09/22 14:10:31	Arenac	Serology	152	10213
2020/09/22 14:10:31	Arenac	Diagnostic	3864	259625
2020/09/22 14:10:31	Arenac	Total	4016	269838
2020/09/22 14:10:31	Baraga	Diagnostic	2116	257766
2020/09/22 14:10:31	Baraga	Serology	41	4995
2020/09/22 14:10:31	Baraga	Total	2157	262760
2020/09/22 14:10:31	Barry	Diagnostic	16671	270853
2020/09/22 14:10:31	Barry	Serology	712	11568
2020/09/22 14:10:31	Barry	Total	17383	282421
2020/09/22 14:10:31	Bay	Serology	1820	17648
2020/09/22 14:10:31	Bay	Diagnostic	34828	337723
2020/09/22 14:10:31	Bay	Total	36648	355371
2020/09/22 14:10:31	Benzie	Diagnostic	4041	227457
2020/09/22 14:10:31	Benzie	Serology	139	7824
2020/09/22 14:10:31	Benzie	Total	4180	235281
2020/09/22 14:10:31	Berrien	Serology	2059	13422
2020/09/22 14:10:31	Berrien	Diagnostic	65471	426796
2020/09/22 14:10:31	Berrien	Total	67530	440219
2020/09/22 14:10:31	Branch	Serology	154	3539
2020/09/22 14:10:31	Branch	Diagnostic	9197	211343
2020/09/22 14:10:31	Branch	Total	9351	214882
2020/09/22 14:10:31	Calhoun	Serology	760	5665
2020/09/22 14:10:31	Calhoun	Diagnostic	50437	375949
2020/09/22 14:10:31	Calhoun	Total	51197	381614
2020/09/22 14:10:31	Cass	Diagnostic	10525	203236
2020/09/22 14:10:31	Cass	Serology	260	5021
2020/09/22 14:10:31	Cass	Total	10785	208257
2020/09/22 14:10:31	Charlevoix	Diagnostic	6504	248786
2020/09/22 14:10:31	Charlevoix	Serology	385	14727
2020/09/22 14:10:31	Charlevoix	Total	6889	263512
2020/09/22 14:10:31	Cheboygan	Diagnostic	3508	138788
2020/09/22 14:10:31	Cheboygan	Serology	200	7913

2020/09/22 14:10:31	Cheboygan	Total	3708	146700
2020/09/22 14:10:31	Chippewa	Serology	92	2463
2020/09/22 14:10:31	Chippewa	Diagnostic	4883	130740
2020/09/22 14:10:31	Chippewa	Total	4975	133203
2020/09/22 14:10:31	Clare	Diagnostic	4787	154669
2020/09/22 14:10:31	Clare	Serology	260	8401
2020/09/22 14:10:31	Clare	Total	5047	163069
2020/09/22 14:10:31	Clinton	Diagnostic	17302	217375
2020/09/22 14:10:31	Clinton	Serology	2537	31874
2020/09/22 14:10:31	Clinton	Total	19839	249249
2020/09/22 14:10:31	Correctional	Serology	11051	
2020/09/22 14:10:31	Correctional	Diagnostic	89493	
2020/09/22 14:10:31	Correctional	Total	100544	
2020/09/22 14:10:31	Crawford	Diagnostic	2753	196236
2020/09/22 14:10:31	Crawford	Serology	75	5346
2020/09/22 14:10:31	Crawford	Total	2828	201582
2020/09/22 14:10:31	Delta	Diagnostic	10527	294182
2020/09/22 14:10:31	Delta	Serology	237	6623
2020/09/22 14:10:31	Delta	Total	10764	300805
2020/09/22 14:10:31	Detroit City	Serology	14252	21933
2020/09/22 14:10:31	Detroit City	Diagnostic	267807	412135
2020/09/22 14:10:31	Detroit City	Total	282059	434068
2020/09/22 14:10:31	Dickinson	Serology	70	2773
2020/09/22 14:10:31	Dickinson	Diagnostic	3895	154325
2020/09/22 14:10:31	Dickinson	Total	3965	157098
2020/09/22 14:10:31	Eaton	Serology	3845	34870
2020/09/22 14:10:31	Eaton	Diagnostic	36712	332934
2020/09/22 14:10:31	Eaton	Total	40557	367804
2020/09/22 14:10:31	Emmet	Diagnostic	8663	259255
2020/09/22 14:10:31	Emmet	Serology	837	25049
2020/09/22 14:10:31	Emmet	Total	9500	284303
2020/09/22 14:10:31	Genesee	Serology	10944	26968
2020/09/22 14:10:31	Genesee	Diagnostic	93857	231281
2020/09/22 14:10:31	Genesee	Total	104801	258249
2020/09/22 14:10:31	Gladwin	Diagnostic	5072	199301
2020/09/22 14:10:31	Gladwin	Serology	208	8173
2020/09/22 14:10:31	Gladwin	Total	5280	207474
2020/09/22 14:10:31	Gogebic	Diagnostic	6819	487943
2020/09/22 14:10:31	Gogebic	Serology	44	3148
2020/09/22 14:10:31	Gogebic	Total	6863	491091
2020/09/22 14:10:31	Grand Traverse	Diagnostic	22878	245767
2020/09/22 14:10:31	Grand Traverse	Serology	1076	11559
2020/09/22 14:10:31	Grand Traverse	Total	23954	257326
2020/09/22 14:10:31	Gratiot	Diagnostic	16724	410798
2020/09/22 14:10:31	Gratiot	Serology	408	10022
2020/09/22 14:10:31	Gratiot	Total	17132	420820
2020/09/22 14:10:31	Hillsdale	Diagnostic	11155	244600
2020/09/22 14:10:31	Hillsdale	Serology	323	7083
2020/09/22 14:10:31	Hillsdale	Total	11478	251683
2020/09/22 14:10:31	Houghton	Diagnostic	9021	252802

2020/09/22 14:10:31	Houghton	Serology	124	3475
2020/09/22 14:10:31	Houghton	Total	9145	256277
2020/09/22 14:10:31	Huron	Diagnostic	9222	297666
2020/09/22 14:10:31	Huron	Serology	271	8747
2020/09/22 14:10:31	Huron	Total	9493	306414
2020/09/22 14:10:31	Ingham	Serology	13107	44825
2020/09/22 14:10:31	Ingham	Diagnostic	104877	358669
2020/09/22 14:10:31	Ingham	Total	117984	403494
2020/09/22 14:10:31	Ionia	Diagnostic	19148	295964
2020/09/22 14:10:31	Ionia	Serology	1069	16523
2020/09/22 14:10:31	Ionia	Total	20217	312487
2020/09/22 14:10:31	Iosco	Diagnostic	7183	285868
2020/09/22 14:10:31	Iosco	Serology	179	7124
2020/09/22 14:10:31	Iosco	Total	7362	292992
2020/09/22 14:10:31	Iron	Diagnostic	6032	545093
2020/09/22 14:10:31	Iron	Serology	17	1536
2020/09/22 14:10:31	Iron	Total	6049	546629
2020/09/22 14:10:31	Isabella	Serology	526	7528
2020/09/22 14:10:31	Isabella	Diagnostic	12692	181646
2020/09/22 14:10:31	Isabella	Total	13218	189174
2020/09/22 14:10:31	Jackson	Diagnostic	60545	381963
2020/09/22 14:10:31	Jackson	Serology	1555	9810
2020/09/22 14:10:31	Jackson	Total	62100	391773
2020/09/22 14:10:31	Kalamazoo	Serology	2850	10752
2020/09/22 14:10:31	Kalamazoo	Diagnostic	77077	290784
2020/09/22 14:10:31	Kalamazoo	Total	79927	301536
2020/09/22 14:10:31	Kalkaska	Diagnostic	5933	328917
2020/09/22 14:10:31	Kalkaska	Serology	130	7207
2020/09/22 14:10:31	Kalkaska	Total	6063	336124
2020/09/22 14:10:31	Kent	Diagnostic	242400	368975
2020/09/22 14:10:31	Kent	Serology	15651	23824
2020/09/22 14:10:31	Kent	Total	258051	392799
2020/09/22 14:10:31	Keweenaw	Diagnostic	497	234877
2020/09/22 14:10:31	Keweenaw	Serology	15	7089
2020/09/22 14:10:31	Keweenaw	Total	512	241966
2020/09/22 14:10:31	Lake	Diagnostic	3482	293765
2020/09/22 14:10:31	Lake	Serology	111	9365
2020/09/22 14:10:31	Lake	Total	3593	303130
2020/09/22 14:10:31	Lapeer	Diagnostic	17030	194391
2020/09/22 14:10:31	Lapeer	Serology	1622	18515
2020/09/22 14:10:31	Lapeer	Total	18652	212905
2020/09/22 14:10:31	Leelanau	Diagnostic	3908	179587
2020/09/22 14:10:31	Leelanau	Serology	153	7031
2020/09/22 14:10:31	Leelanau	Total	4061	186618
2020/09/22 14:10:31	Lenawee	Diagnostic	23929	243055
2020/09/22 14:10:31	Lenawee	Serology	894	9081
2020/09/22 14:10:31	Lenawee	Total	24823	252136
2020/09/22 14:10:31	Livingston	Serology	4472	23292
2020/09/22 14:10:31	Livingston	Diagnostic	53749	279950
2020/09/22 14:10:31	Livingston	Total	58221	303242

2020/09/22 14:10:31	Luce	Diagnostic	1392	223471
2020/09/22 14:10:31	Luce	Serology	33	5298
2020/09/22 14:10:31	Luce	Total	1425	228769
2020/09/22 14:10:31	Mackinac	Serology	46	4260
2020/09/22 14:10:31	Mackinac	Diagnostic	2062	190944
2020/09/22 14:10:31	Mackinac	Total	2108	195203
2020/09/22 14:10:31	Macomb	Serology	28573	32693
2020/09/22 14:10:31	Macomb	Diagnostic	230697	263964
2020/09/22 14:10:31	Macomb	Total	259270	296657
2020/09/22 14:10:31	Manistee	Diagnostic	4635	188737
2020/09/22 14:10:31	Manistee	Serology	231	9406
2020/09/22 14:10:31	Manistee	Total	4866	198143
2020/09/22 14:10:31	Marquette	Diagnostic	31178	467443
2020/09/22 14:10:31	Marquette	Serology	934	14003
2020/09/22 14:10:31	Marquette	Total	32112	481446
2020/09/22 14:10:31	Mason	Diagnostic	10160	348614
2020/09/22 14:10:31	Mason	Serology	449	15406
2020/09/22 14:10:31	Mason	Total	10609	364020
2020/09/22 14:10:31	Mecosta	Serology	427	9827
2020/09/22 14:10:31	Mecosta	Diagnostic	11485	264309
2020/09/22 14:10:31	Mecosta	Total	11912	274135
2020/09/22 14:10:31	Menominee	Diagnostic	4936	216681
2020/09/22 14:10:31	Menominee	Serology	43	1888
2020/09/22 14:10:31	Menominee	Total	4979	218569
2020/09/22 14:10:31	Midland	Diagnostic	13050	156934
2020/09/22 14:10:31	Midland	Serology	1492	17942
2020/09/22 14:10:31	Midland	Total	14542	174876
2020/09/22 14:10:31	Missaukee	Diagnostic	2846	188252
2020/09/22 14:10:31	Missaukee	Serology	113	7475
2020/09/22 14:10:31	Missaukee	Total	2959	195727
2020/09/22 14:10:31	Monroe	Diagnostic	35953	238890
2020/09/22 14:10:31	Monroe	Serology	2550	16944
2020/09/22 14:10:31	Monroe	Total	38503	255834
2020/09/22 14:10:31	Montcalm	Serology	1011	15825
2020/09/22 14:10:31	Montcalm	Diagnostic	20328	318182
2020/09/22 14:10:31	Montcalm	Total	21339	334006
2020/09/22 14:10:31	Montmorency	Diagnostic	1400	150086
2020/09/22 14:10:31	Montmorency	Serology	115	12328
2020/09/22 14:10:31	Montmorency	Total	1515	162414
2020/09/22 14:10:31	Muskegon	Serology	1330	7663
2020/09/22 14:10:31	Muskegon	Diagnostic	62196	358342
2020/09/22 14:10:31	Muskegon	Total	63526	366005
2020/09/22 14:10:31	Newaygo	Serology	649	13250
2020/09/22 14:10:31	Newaygo	Diagnostic	13697	279645
2020/09/22 14:10:31	Newaygo	Total	14346	292895
2020/09/22 14:10:31	Oakland	Diagnostic	367034	291856
2020/09/22 14:10:31	Oakland	Serology	62712	49867
2020/09/22 14:10:31	Oakland	Total	429746	341723
2020/09/22 14:10:31	Oceana	Diagnostic	11545	436204
2020/09/22 14:10:31	Oceana	Serology	290	10957

2020/09/22 14:10:31	Oceana	Total	11835	447161
2020/09/22 14:10:31	Ogemaw	Diagnostic	4166	198409
2020/09/22 14:10:31	Ogemaw	Serology	160	7620
2020/09/22 14:10:31	Ogemaw	Total	4326	206029
2020/09/22 14:10:31	Ontonagon	Diagnostic	2378	415734
2020/09/22 14:10:31	Ontonagon	Serology	18	3147
2020/09/22 14:10:31	Ontonagon	Total	2396	418881
2020/09/22 14:10:31	Osceola	Diagnostic	7733	329625
2020/09/22 14:10:31	Osceola	Serology	276	11765
2020/09/22 14:10:31	Osceola	Total	8009	341390
2020/09/22 14:10:31	Oscoda	Diagnostic	1287	156170
2020/09/22 14:10:31	Oscoda	Serology	19	2306
2020/09/22 14:10:31	Oscoda	Total	1306	158476
2020/09/22 14:10:31	Otsego	Diagnostic	4019	162924
2020/09/22 14:10:31	Otsego	Serology	278	11270
2020/09/22 14:10:31	Otsego	Total	4297	174193
2020/09/22 14:10:31	Ottawa	Serology	4716	16160
2020/09/22 14:10:31	Ottawa	Diagnostic	99206	339944
2020/09/22 14:10:31	Ottawa	Total	103922	356105
2020/09/22 14:10:31	Presque Isle	Diagnostic	1811	143821
2020/09/22 14:10:31	Presque Isle	Serology	124	9848
2020/09/22 14:10:31	Presque Isle	Total	1935	153669
2020/09/22 14:10:31	Roscommon	Diagnostic	5570	231900
2020/09/22 14:10:31	Roscommon	Serology	284	11824
2020/09/22 14:10:31	Roscommon	Total	5854	243724
2020/09/22 14:10:31	Saginaw	Diagnostic	75931	398506
2020/09/22 14:10:31	Saginaw	Serology	2024	10622
2020/09/22 14:10:31	Saginaw	Total	77955	409129
2020/09/22 14:10:31	Sanilac	Diagnostic	11836	287491
2020/09/22 14:10:31	Sanilac	Serology	482	11708
2020/09/22 14:10:31	Sanilac	Total	12318	299198
2020/09/22 14:10:31	Schoolcraft	Diagnostic	1600	197677
2020/09/22 14:10:31	Schoolcraft	Serology	41	5065
2020/09/22 14:10:31	Schoolcraft	Total	1641	202743
2020/09/22 14:10:31	Shiawassee	Diagnostic	18588	272863
2020/09/22 14:10:31	Shiawassee	Serology	1491	21887
2020/09/22 14:10:31	Shiawassee	Total	20079	294751
2020/09/22 14:10:31	St Clair	Serology	4089	25696
2020/09/22 14:10:31	St Clair	Diagnostic	32697	205476
2020/09/22 14:10:31	St Clair	Total	36786	231172
2020/09/22 14:10:31	St Joseph	Diagnostic	17269	283266
2020/09/22 14:10:31	St Joseph	Serology	605	9924
2020/09/22 14:10:31	St Joseph	Total	17874	293189
2020/09/22 14:10:31	Tuscola	Diagnostic	19292	369260
2020/09/22 14:10:31	Tuscola	Serology	632	12097
2020/09/22 14:10:31	Tuscola	Total	19924	381357
2020/09/22 14:10:31	Unknown	Diagnostic	227491	
2020/09/22 14:10:31	Unknown	Serology	19828	
2020/09/22 14:10:31	Unknown	Total	247319	
2020/09/22 14:10:31	Van Buren	Diagnostic	26956	356198

2020/09/22 14:10:31	Van Buren	Serology	571	7545
2020/09/22 14:10:31	Van Buren	Total	27527	363743
2020/09/22 14:10:31	Washtenaw	Diagnostic	135202	367796
2020/09/22 14:10:31	Washtenaw	Serology	10234	27840
2020/09/22 14:10:31	Washtenaw	Total	145436	395635
2020/09/22 14:10:31	Wayne	Serology	41301	37417
2020/09/22 14:10:31	Wayne	Diagnostic	390529	353800
2020/09/22 14:10:31	Wayne	Total	431830	391217
2020/09/22 14:10:31	Wexford	Diagnostic	8071	239987
2020/09/22 14:10:31	Wexford	Serology	237	7047
2020/09/22 14:10:31	Wexford	Total	8308	247034

PUBLIC USE DATASETS

Diagnostic Tests by Result and County

README

Data include diagnostic tests for COVID-19 by date and county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Correctional includes state and federal prisons and county and city detection facilities. Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

The total number of positive tests may exceed the number of confirmed cases due to 1) a single individual may have more than one test performed; 2) MDHHS may receive data on positive tests in advance of a local health department classifying an individual as a confirmed or probable case, and 3) although efforts have been made to deduplicate testing data, some duplication may occur.

DIAGNOSTIC TESTS BY RESULT AND COUNTY 2020-09-22

MessageDate	COUNTY	Negative	Positive	Total
9/21/2020	Alcona	25	0	25
9/21/2020	Alger	7	0	7
9/21/2020	Allegan	232	3	235
9/21/2020	Alpena	4	0	4
9/21/2020	Antrim	111	0	111
9/21/2020	Arenac	19	1	20
9/21/2020	Baraga	16	0	16
9/21/2020	Barry	203	4	207
9/21/2020	Bay	154	4	158
9/21/2020	Benzie	15	0	15
9/21/2020	Berrien	365	19	384
9/21/2020	Branch	34	6	40
9/21/2020	Calhoun	145	2	147
9/21/2020	Cass	102	2	104
9/21/2020	Charlevoix	32	0	32
9/21/2020	Cheboygan	15	0	15
9/21/2020	Chippewa	15	1	16
9/21/2020	Clare	18	0	18
9/21/2020	Clinton	92	8	100
9/21/2020	Correctional	617	0	617
9/21/2020	Crawford	15	0	15
9/21/2020	Delta	95	8	103
9/21/2020	Detroit City	1107	30	1137
9/21/2020	Dickinson	30	3	33
9/21/2020	Eaton	194	5	199
9/21/2020	Emmet	33	1	34
9/21/2020	Genesee	501	21	522
9/21/2020	Gladwin	64	0	64
9/21/2020	Gogebic	7	1	8
9/21/2020	Grand Traverse	140	3	143
9/21/2020	Gratiot	34	0	34
9/21/2020	Hillsdale	43	4	47
9/21/2020	Houghton	112	8	120
9/21/2020	Huron	43	4	47
9/21/2020	Ingham	629	36	665
9/21/2020	Ionia	90	0	90
9/21/2020	Iosco	73	2	75
9/21/2020	Iron	32	3	35
9/21/2020	Isabella	57	4	61
9/21/2020	Jackson	277	4	281
9/21/2020	Kalamazoo	298	8	306
9/21/2020	Kalkaska	30	0	30
9/21/2020	Kent	1926	68	1994
9/21/2020	Keweenaw	1	0	1
9/21/2020	Lake	24	0	24
9/21/2020	Lapeer	82	4	86
9/21/2020	Leelanau	29	1	30

9/21/2020	Lenawee	119	2	121
9/21/2020	Livingston	408	9	417
9/21/2020	Luce	2	0	2
9/21/2020	Mackinac	7	0	7
9/21/2020	Macomb	1085	66	1151
9/21/2020	Manistee	22	1	23
9/21/2020	Marquette	462	4	466
9/21/2020	Mason	39	0	39
9/21/2020	Mecosta	183	1	184
9/21/2020	Menominee	170	5	175
9/21/2020	Midland	48	5	53
9/21/2020	Missaukee	23	0	23
9/21/2020	Monroe	171	6	177
9/21/2020	Montcalm	167	3	170
9/21/2020	Montmorency	7	0	7
9/21/2020	Muskegon	227	8	235
9/21/2020	Newaygo	95	5	100
9/21/2020	Oakland	2074	62	2136
9/21/2020	Oceana	34	0	34
9/21/2020	Ogemaw	8	0	8
9/21/2020	Ontonagon	9	0	9
9/21/2020	Osceola	83	0	83
9/21/2020	Oscoda	13	0	13
9/21/2020	Otsego	25	1	26
9/21/2020	Ottawa	761	30	791
9/21/2020	Presque Isle	4	0	4
9/21/2020	Roscommon	140	0	140
9/21/2020	Saginaw	408	5	413
9/21/2020	Sanilac	74	2	76
9/21/2020	Schoolcraft	1	0	1
9/21/2020	Shiawassee	100	8	108
9/21/2020	St Clair	154	5	159
9/21/2020	St Joseph	60	2	62
9/21/2020	Tuscola	80	1	81
9/21/2020	Unknown	350	5	355
9/21/2020	Van Buren	185	2	187
9/21/2020	Washtenaw	852	24	876
9/21/2020	Wayne	1972	133	2105
9/21/2020	Wexford	92	1	93